IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Akio Ishii et al.

Application No.: 09/980,366

Filed: November 28, 2001

For: CARBONACEOUS REFRACTORY

AND METHOD FOR PREPARING

THE SAME

Patent Examiner: Paul D. Marcantoni

Group Art Unit: 1755

September 30, 2003

Irvine, CA 92614

RULE 116 AMENDMENT AFTER FINAL OFFICE ACTION

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action, mailed July 2, 2003, please amend the above-identified application as follows:

Signature

October 30, 2003

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known Application Number 09/980,366 Filing Date November 28, 2001 Effective 10/01/2003. Patent fees are subject to annual revision. First Named Inventor Akio Ishii Applicant claims small entity status. See 37 CFR 1.27 **Examiner Name** Paul D. Marcantoni Art Unit 1755 TOTAL AMOUNT OF PAYMENT (\$) \$880.00 Attorney Docket No. 42598-1400

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METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)								
Check Credit card Money Other None					3. ADDITIONAL FEES Large Entity Small Entity								
Deposit Account: Deposit					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee	Descriptio	on	Fee Paid	
Account Number			19-2814	1	1051	130	2051		Surcharge - late	filing fee or	oath		
Deposit		_			1052	50	2052	25	Surcharge - late sheet	provisional	filing fee or cover		
Account Name		Snell & Wilmer L.L.P.				130	1053	130	Non - English sp	ecification			
The Director is authorized to: (check all that apply)						2,520	1812	2,520	For filing a requi	est for <i>ex pa</i>	arte reexamination		
Charge fee(s) indicated below Credit any overpayments						920*	1804	920*	Requesting publication	lication of SI	IR prior to Examiner		
Charge any additonal fee(s) or any underpayment of fee(s)						1,840*	1805	1,840*		lication of S	IR after Examiner		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						110	2251	55	Extension for re	ply within fir	st month	110.00	
	FE	EC	ALCULATIO	ON	1252	420	2252	210	Extension for re	ply within se	econd month		
1. BASIC					1253	950	2253	475	Extension for re	ply within th	ird month		
Large Entity Small Entity						1,480	2254	740	Extension for re	ply within fo	urth month		
Fee Fee Code (\$)		Fee (\$)	Fee Description	on Fee Paid	1255	2,010	2255	1,005	Extension for re	ply within fif	th month		
1001 770	2001		Utility filing fee		1401	330	2401	165	Notice of Appea	I			
1002 340	2002		Design filing fee		1402	330	2402	165	Filing a brief in s	support of ar	n appeal		
1003 530	2003	265	Plant filing fee		1403	290	2403	145	Request for oral	hearing			
1004 770	2004	385	Reissue filing fe	е	1451	1,510	1451	1,510	Petition to institu	ute a public	use proceeding		
1005 160	2005	80	Provisional filin	g fee	1452	110	2452	55	Petition to revive	e - unavoida	ble		
	1	SU	BTOTAL (1)	(\$)	1453	1,330	2453	665	Petition to revive	Petition to revive - unintentional			
						1,330	2501	665	Utility issue fee	(or reissue)			
2. EXTRA CLAIM FEES FOR UTILITY AND Fee from						480	2502	240	Design issue fee	•			
Extra Claims below Fee Paid Total Claims _20** =						640	2503	320	Plant issue fee				
						130	1460	130	Petitions to the	Commission	er		
Independent - 3** = 0 X = 0.00 Claims Multiple Dependent =					1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)				
Large Entity	Small				1806	180	1806	180	Submission of In Statement	nformation D	Disclosure		
Fee Fee Code (\$)		Fee (\$)	Fee Des	cription	8021	40	8021	40	Recording each (times number of	patent assign	gnment per property		
1202 18		9	Claims in exce		1809	770	2809	385	Filing a submiss (37 CFR § 1.12	sion after fina 29(a))	al rejection		
1201 86 1203 290			•	aims in excess of 3 dent claim, if not paid	1810	770	2810	385	For each addition (37 CFR § 1.12		n to be examined		
1204 86	2204	43		ependent claims	1801	770	2801	385	Request for Cor		mination (RCE)	770.00	
			over original patent		1802	900	1802	900	Request for exp				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent						of a design application Other fee (specify)							
	STOTAL (2)	(\$) \$0.00											
**or number	d if greater: For		*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					\$880.00				
**or number previously paid, if greater; For Reissues, see above Reduced by Basic Filling Fee Fall											=		
SUBMITTED BY Name (Brief/Type) Loseph W. Price					1	Registration No. 25,124 Telephone (949)			(949) 253-	4920			
Name (Print/Type) Joseph W. Price					(Attorne)	//Agent)		23,124	relephone	(343) 233-			

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RCE/1700

PTO/SB/30 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

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09/980,366						
November 28, 2001						
Akio Ishii						
1755						
Paul D. Marcantoni						
42598-1400						

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

Submission required under 37 CFR	1.114 Note: If the F	CF is ord	oper, any previously filed	unentered				
and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such								
a. Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.								
i. Consider the arguments in the Appeal Brief or Reply Brief previously filed on								
ii. 🛘 Other								
	iii.	Disclosu	ire Statement (IDS)	:				
2. Miscellaneous								
a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for								
a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required) b. Other								
 3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to 								
Deposit Account No. <u>19-2814</u> i. ⊠ RCE fee required under 37 CFR 1.17(e) ; 11/04/2003 AMDNDAF1 00000075 192814 09980366								
iii. Extension of time fee (37 CFR iii. Other	4.400 (4.47)	:1801	770.00 DA					
b. Check in the amount of \$		enclos	ed	-				
c. Payment by credit card (Form PTO-2038 enclosed)								
WARNING: Information on this form may become public. Credit card information should not								
be included on this form. Provide credit card information and authorization on PTO-2038.								
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED								
Name (Print / Type) Joseph W. Price	7	Registration No. (Attorney / Agent) 25,124						
Signature		Date	October 30, 2003					
CERTIFICATE OF MAILING OR TRANSMISSION								
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.								
Name (Print / Type) James Lee								
Signature (M)		Date	October 30, 2003					

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.